

Water-Data Report NV-2005

393823119424508 Local number 085 N21 E20 35CBAC10 LYSIMETER 4 SHALLOW

Basin and Range basin-fill aquifers

Undefined Aquifer

Washoe County, NV

LOCATION.--Lat 39°38'29.4", long 119°42'45.3" referenced to North American Datum of 1983, in NE ¼ NW ¼ SW ¼ sec.35, T.21 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

WATER-QUALITY RECORDS

COOPERATION.--Washoe County Department of Water Resources

REMARKS.--Depth of lysimeter is 4 ft below land surface datum. Ground water quality data in this table were collected determine an estimate of the amount of nitrogen entering the ground water from septic tank systems in the valley by collection of water quality data from lysimeters and ground water wells near septic systems.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 2

[Remark codes: <, less than; E, estimated.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Oct								
05...	1335	Interstitial water	1,060	48.2	.04	91.7	<.008	95.4
Nov								
02...	1402	Interstitial water	1,970	26.0	E.03	134	<.008	149
Dec								
08...	1218	Interstitial water	360	4.98	<.04	7.67	.026	7.83
Mar								
01...	1411	Interstitial water	763	21.8	<.04	59.9	.094	63.9
01...	1414	<i>Replicate</i>	756	21.7	<.04	67.5	.101	70.5
Apr								
05...	1351	Interstitial water	988	46.6	<.04	78.8	.768	79.9
May								
04...	1017	Interstitial water	810	27.9	<.04	70.4	.220	78.2
Jun								
01...	1045	Interstitial water	1,280	39.9	1.15	92.7	4.53	107
Jul								
06...	1006	Interstitial water	1,360	36.6	.05	129	.008	137
Aug								
03...	0903	Interstitial water	1,150	39.4	.07	101	.071	120
Sep								
08...	0903	Interstitial water	1,490	40.8	.04	164	.027	164

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 2

[Remark codes: <, less than; E, estimated.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Oct								
05...	0858	Interstitial water	1,450	44.3	<.04	132	<.008	126
Nov								
02...	0915	Interstitial water	1,120	36.2	<.04	121	<.008	127
30...	0940	Interstitial water	1,150	38.5	<.04	102	.011	99.0
Dec								
22...	1313	Interstitial water	--	--	<.04	8.01	<.008	8.41